

FIG. 1

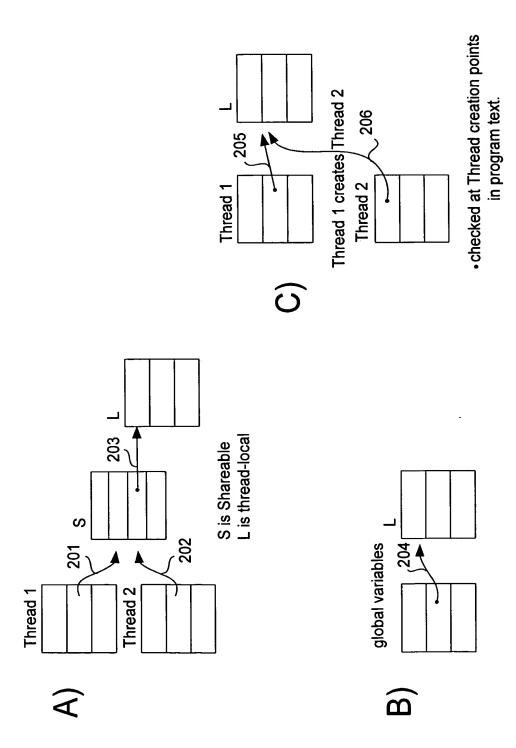
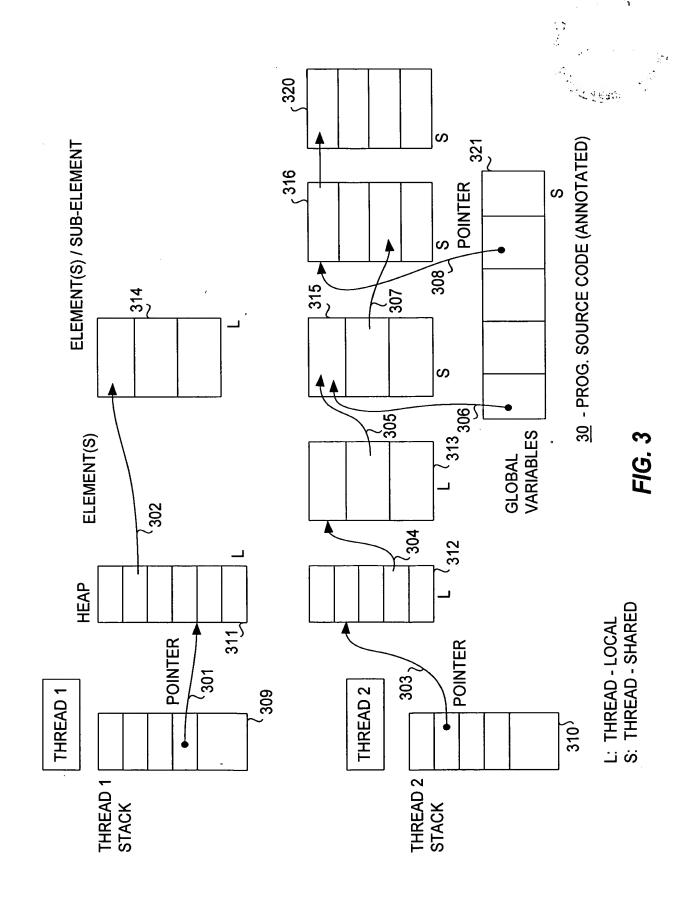


FIG. 2



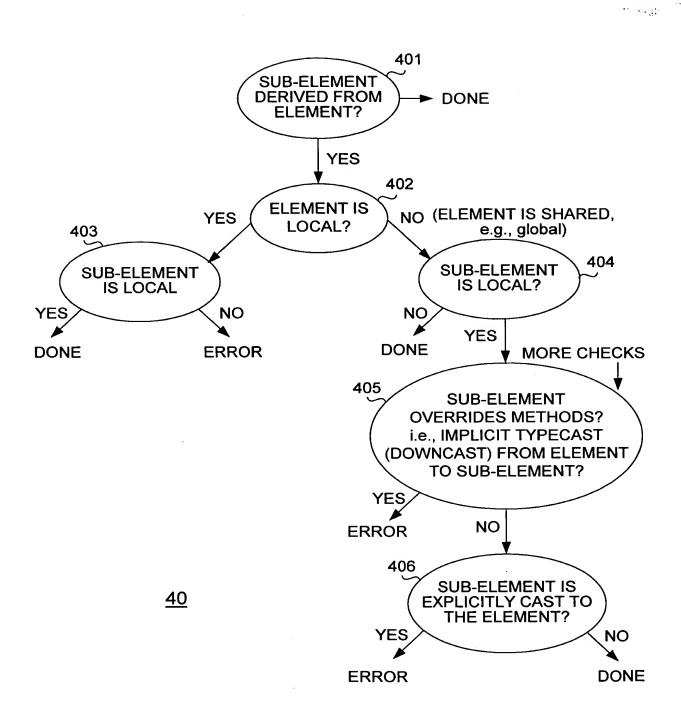


FIG. 4

## MORE CHECKS:

⋖

m₹

⋖

THREAD 1 ,501

thread shared class A { Object f; void foo( ) { ... } thread local class B extends A {

Object y; void foo() {... <u>this</u>.g...} of type B

OK if no downcasts from A to B (typecasts)

D

THREAD 2

⋖

 explicit c is of type A d=(B)c d.g

implicit

c is of type A (but actually points to a B object) c.foo( ).

Pass it between threads

Create a B object

cast it to type A

and access fields of B. Cast it back to type B

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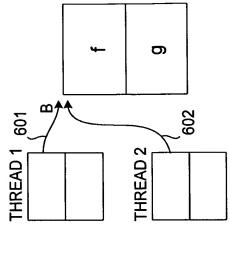


FIG. 6

error:
thread local class A {
Object f;
}
thread shared class B extends A {

Object g;